

WHAT IS CLAIMED IS:

1. An electronic apparatus capable of facsimile transmission of two-side image data, comprising:

5        facsimile transmission means adapted, in case of collective transmission of image data of plural sets mixedly including a set or sets of two-side image data and a set or sets of one-side image data in continuous manner to a same partner station, to  
10      collectively transmit the image data of plural sets to the same partner station by once disconnecting a communication line and then again connecting the communication line between the transmission of the set or sets of the two-side image data and that of  
15      the set or sets of the one-side image data; and  
            control means adapted, in case said two-side image data or said one-side image data are plural sets of image data, for causing said facsimile transmission means to collectively transmit said  
20      plural sets of image data without disconnecting the communication line to said partner station.

2. An apparatus according to claim 1, wherein  
said control means is adapted, in collective  
25      transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a same partner station, in case of transmitting the set

or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said 5 facsimile transmission means to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

3. An apparatus according to claim 1, wherein,  
10 in case of transmitting a set or sets of two-side image data in collective transmission for transmitting the images of plural sets to a same partner station, if the last reverse side to be transmitted does not contain image data, said control 15 means is adapted for causing said facsimile transmission means to transmit all blank information as the image data of said last reverse side.

4. An apparatus according to claim 1, wherein,  
20 in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said partner station is identified to be incapable of two-side reception, said control means causes said two-side image data to be collectively transmitted using 25 the one-side procedure.

5. An apparatus according to claim 4, wherein,  
in collective transmission for transmitting a set or  
sets of two-side image data and a set or sets of one-  
side image data to a same partner station, if said  
5 partner station is identified to be incapable of two-  
side reception, said control means causes all said  
sets of two-side image data and one-side image data  
to be collectively transmitted using the one-side  
procedure without disconnecting the communication  
10 line.

6. A control method for an electronic  
apparatus capable of facsimile transmission of two-  
side image data, comprising:  
15 a facsimile transmission step adapted, in case  
of collective transmission of image data of plural  
sets mixedly including a set or sets of two-side  
image data and a set or sets of one-side image data  
in continuous manner to a same partner station, to  
20 collectively transmit the image data of plural sets  
to the same partner station by once disconnecting a  
communication line and then again connecting the  
communication line between the transmission of the  
set or sets of the two-side image data and that of  
25 the set or sets of the one-side image data; and  
a control step adapted, in case said two-side  
image data or said one-side image data are plural

sets of image data, for causing said facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

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7. A method according to claim 6, wherein said control step is adapted, in collective transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a same partner 10 station, in case of transmitting the set or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said facsimile 15 transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

8. A method according to claim 6, wherein, in 20 case of transmitting a set or sets of two-side image data in collective transmission for transmitting the images of plural sets to a same partner station, if the last reverse side to be transmitted does not contain image data, said control step is adapted for 25 causing said facsimile transmission step to transmit all blank information as the image data of said last reverse side.

9. A method according to claim 6, wherein, in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said 5 partner station is identified to be incapable of two-side reception, said control step causes said two-side image data to be collectively transmitted using the one-side procedure.

10 10. A method according to claim 9, wherein, in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said partner station is identified to be incapable of two- 15 side reception, said control step causes all said sets of two-side image data and one-side image data to be collectively transmitted using the one-side procedure without disconnecting the communication line.

20 11. A storage medium storing a computer program for the implementation of a control method for an electronic apparatus capable of facsimile transmission of two-side image data, comprising:

25 a facsimile transmission step adapted, in case of collective transmission of image data of plural sets mixedly including a set or sets of two-side

image data and a set or sets of one-side image data in continuous manner to a same partner station, to collectively transmit the image data of plural sets to the same partner station by once disconnecting a  
5 communication line and then again connecting the communication line between the transmission of the set or sets of the two-side image data and that of the set or sets of the one-side image data; and  
a control step adapted, in case said two-side  
10 image data or said one-side image data are plural sets of image data, for causing said facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

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12. A storage medium according to claim 11, wherein said control step is adapted, in collective transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a  
20 same partner station, in case of transmitting the set or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said  
25 facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

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13. A storage medium according to claim 11,  
wherein, in case of transmitting a set or sets of  
two-side image data in collective transmission for  
transmitting the images of plural sets to a same  
5 partner station, if the last reverse side to be  
transmitted does not contain image data, said control  
step is adapted for causing said facsimile  
transmission step to transmit all blank information  
as the image data of said last reverse side.

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14. A storage medium according to claim 11,  
wherein, in collective transmission for transmitting  
a set or sets of two-side image data and a set or  
sets of one-side image data to a same partner station,  
15 if said partner station is identified to be incapable  
of two-side reception, said control step causes said  
two-side image data to be collectively transmitted  
using the one-side procedure.

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15. A storage medium according to claim 14,  
wherein, in collective transmission for transmitting  
a set or sets of two-side image data and a set or  
sets of one-side image data to a same partner station,  
if said partner station is identified to be incapable  
25 of two-side reception, said control step causes all  
said sets of two-side image data and one-side image  
data to be collectively transmitted using the one-

side procedure without disconnecting the communication line.